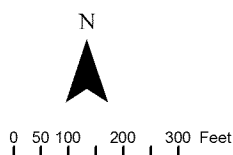


DAY:\ANTIGONE\PROJ\LOWERPASSAICRIVER\GRP1412306\LOWERPASSAIC\GIS\MAPFILES\RM10.9\FIG4.4_LPR_10.9_UTIL_OUTFALL.MXD ECLARK1 7/25/2012 12:03:05 PM



Notes:
 1. Orthophoto: NJGIS, 2007
 2. The Extent of Potentially Exposed Surface Sediment was generated from the -2ft (NGVD29) elevation, which represents the Mean Low Water for this part of the river. The data source was the July 2011 Bathymetry Survey conducted as part of the RM 10.9 Characterization Program (CH2M HILL & AECOM, 2012).

FIGURE 4.4
 Utility Locations within RM 10.9 Removal Area
 RM 10.9 Removal Action Basis of Design Report
 Lower Passaic River Study Area, New Jersey

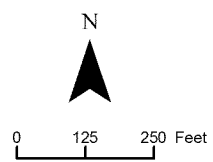
CH2MHILL

DAY:\ANTIGONE\PROJ\LOWERPASSAICRIVER\GRIP\412305\LOWERPASSAIC\CF\GIS\MAPFILES\RM10.9\FIG4-6_LPR_10-9_POT_SUPPORT_TRAILER.MXD ECLARK1 7/25/2012 12:03:58 PM



LEGEND

- Extent of Potentially Exposed Surface Sediment
- Potential Support Trailer Staging Location
- Navigation Channel
- RM10.9 Removal Area
- RM 10.9 Sediment Deposit Area



Notes:
1. Orthophoto: NJGIS, 2007
2. The Extent of Potentially Exposed Surface Sediment was generated from the -2ft (NGVD29) elevation, which represents the Mean Low Water for this part of the river. The data source was the July 2011 Bathymetry Survey conducted as part of the RM 10.9 Characterization Program (CH2M HILL & AECOM, 2012).

FIGURE 4-6
Potential Support Area Location
RM 10.9 Removal Action Basis of Design Report
Lower Passaic River Study Area, New Jersey

CH2MHILL



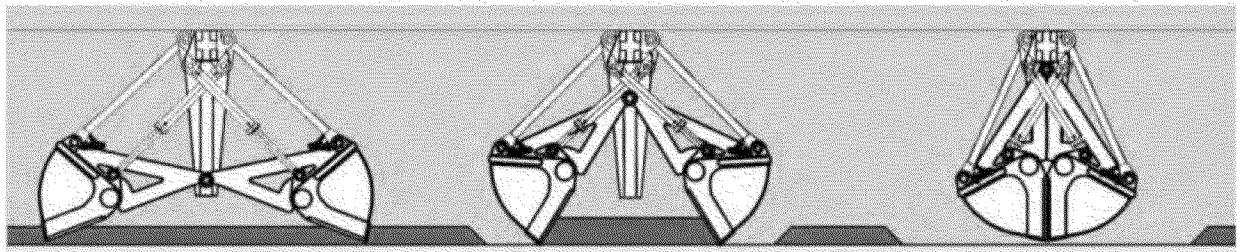
FIGURE 3-4
RM 10.9 Removal Project Bridge Locations
RM 10.9 Removal Action Basis of Design Report
Lower Passaic River Study Area, New Jersey

TABLE 4-1

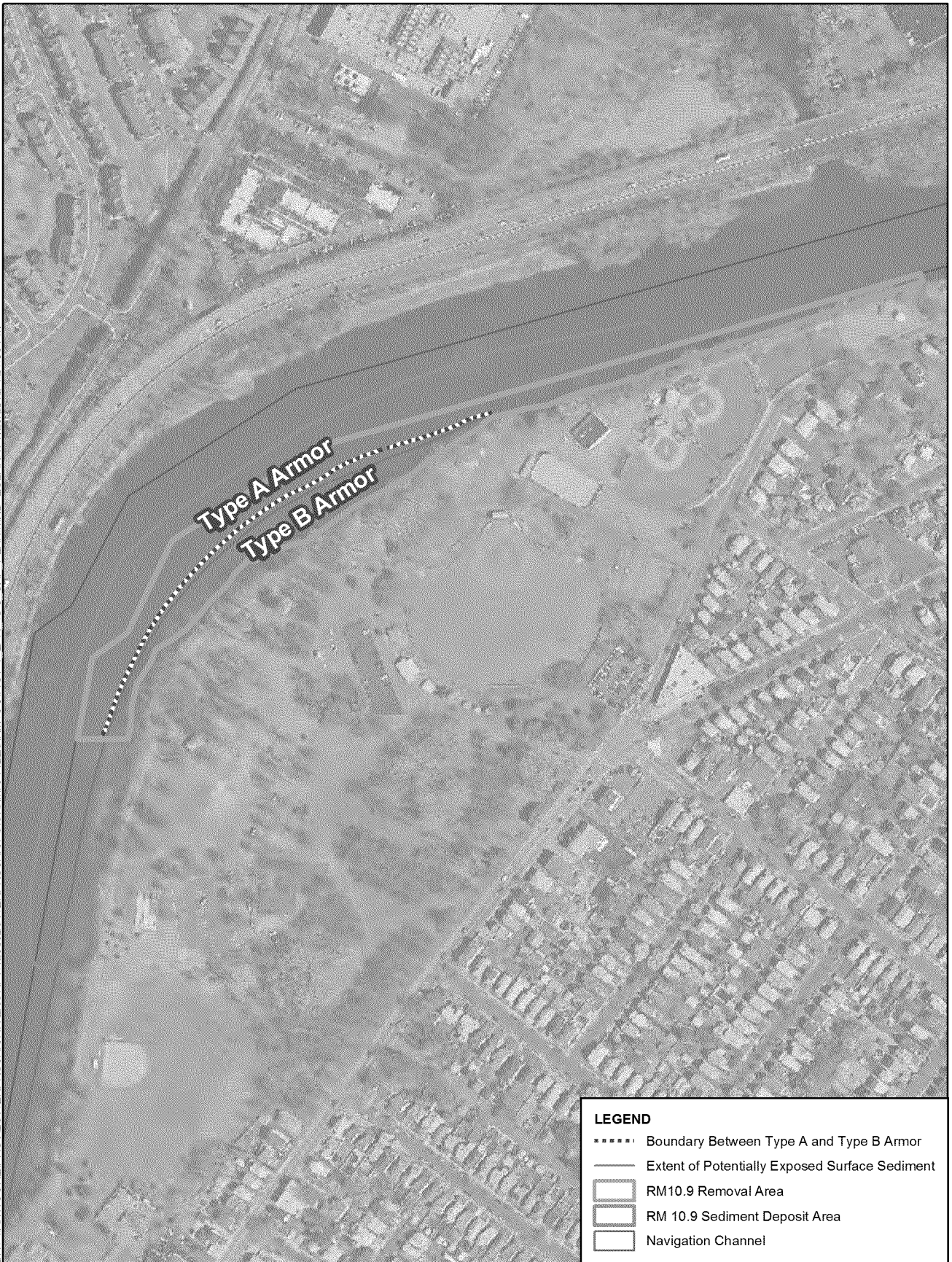
Comparison of Potential Dredging Production Rates

RM 10.9 Removal Action Basis of Design Report, Lower Passaic River Study Area, New Jersey

Process	Production Rate (yd ³ /day)
Maximum dredging production (3 yd ³ bucket, 12 hrs/day)	336
Maximum dredging production (3 yd ³ bucket, 24 hrs/day)	672
Maximum dredging production (5 yd ³ bucket, 12 hrs/day)	534
Maximum dredging production (5 yd ³ bucket, 24 hrs/day)	1,069



DAY:\ANTIGONE\PROJ\LOWERPASSAICRIVER\GRP1412308\LOWERPASSAIC\FIG10-9\FIG7-1 LPR 10-9 CAP PLAN.MXD ECLARK1 7/25/2012 4:21:39 PM



- Notes:
1. Orthophoto: NJGIS, 2007
 2. The Extent of Potentially Exposed Surface Sediment was generated from the -2ft (NGVD29) elevation, which represents the Mean Low Water for this part of the river. The data source was the July 2011 Bathymetry Survey conducted as part of the RM 10.9 Characterization Program (CH2M HILL & AECOM, 2012).

- LEGEND**
- Boundary Between Type A and Type B Armor
 - Extent of Potentially Exposed Surface Sediment
 - RM10.9 Removal Area
 - RM 10.9 Sediment Deposit Area
 - Navigation Channel

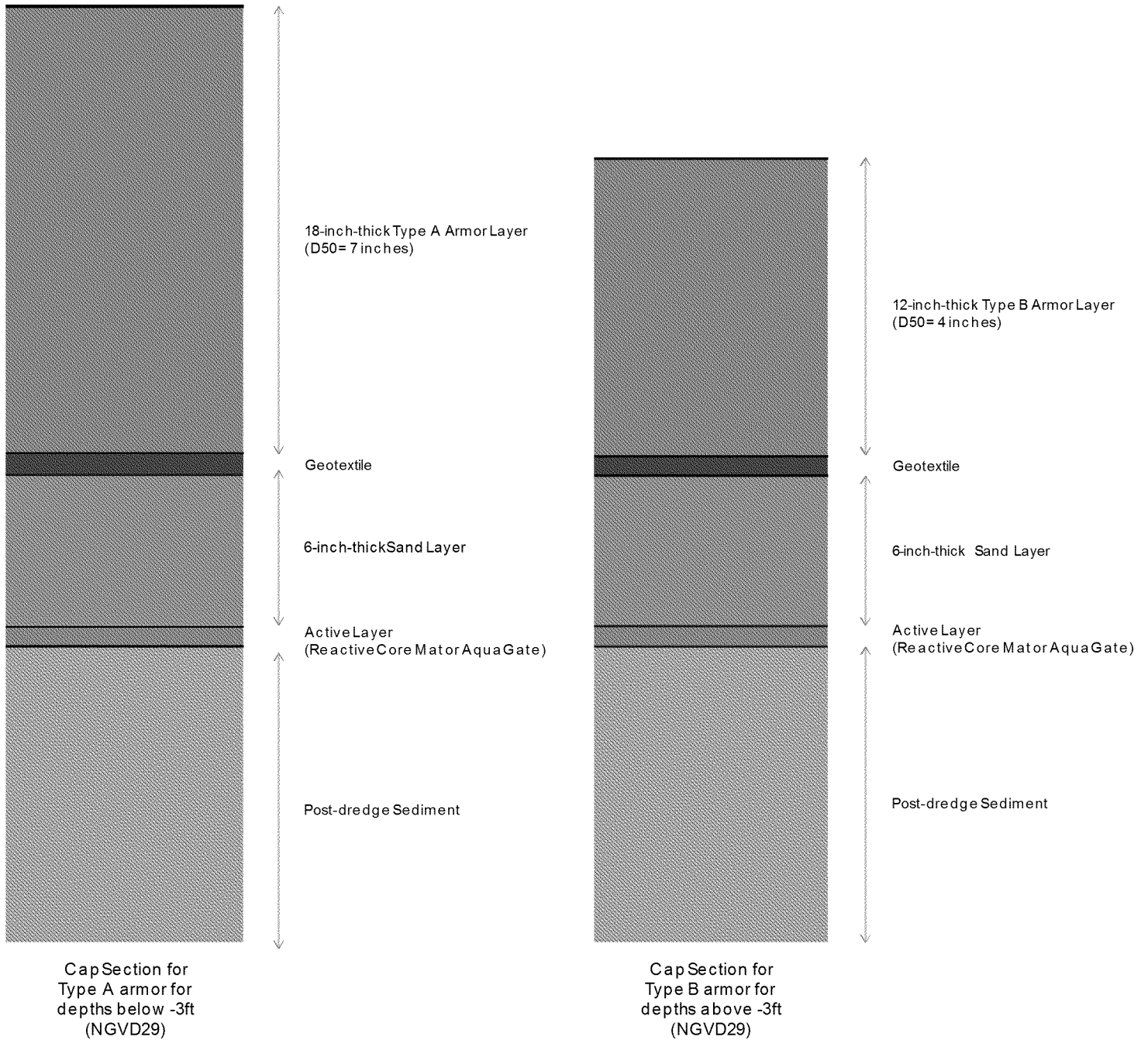
FIGURE 7-1

Cap Plan

RM 10.9 Removal Action Basis of Design Report

Lower Passaic River Study Area, New Jersey

CH2MHILL.



Scale: 1:6
**Note: Geotextile and Active Layer
 are not to scale.**

Figure 7-2
 Typical Cap Sections
 RM 10.9 Removal Action Basis of Design Report
 Lower Passaic River Study Area, New Jersey

